

0916278.071400

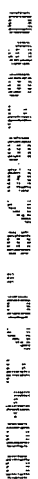


Fig 2

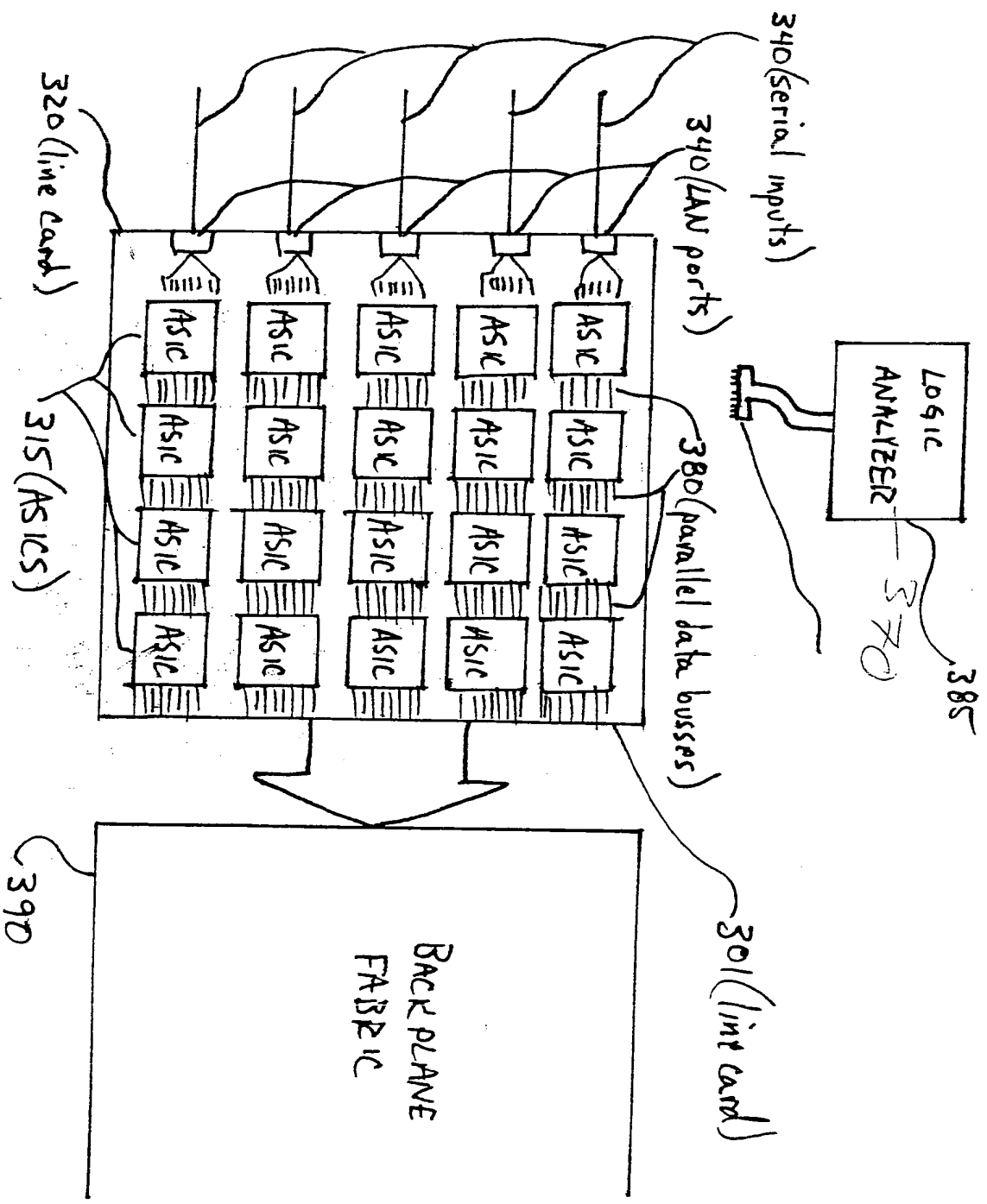


FIG 3

Destination Address:	48 bits:	1 1-XX-XX-1 1-XX-XX-XX
Source Address:	48 bits:	XX-XX-XX-XX-XX-XX-XX
Length/type:	16 bits:	XXXX

Fig. 4a

<u>Data Bit Block</u>	<u>Don't Care Mask</u>
11	00
00	ff
00	ff
11	00
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff

Fig. 4b

09616278 "071400

Destination Address: 48 bits: XX-XX-XX-1 1-XX-XX-XX
Source Address: 48 bits: XX-XX-XX-XX-XX-XX-XX
Length/type: 16 bits: 0800

Fig. 4c

<u>Data Bit Block</u>	<u>Don't Care Mask</u>
11	00
00	ff
00	ff
11	00
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
00	ff
08	00
00	00

Fig. 4d

521 522 523 525 275 125 535 06157 537 539

Event Editor

Event Name: ☐ Long Field Names

Protocol Stack

- Transmission Control Protocol
- Internet Protocol
- Ethernet in ATM (8-bit Utopia)

Ethernet in ATM (8-bit Utopia)

Generic Flow Control	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Virtual Path	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Virtual Channel	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Payload Type	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Cell Loss Priority	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Error Correction	<input checked="" type="checkbox"/>	Hex	<input type="text"/>	<input type="button" value="↓"/>
Dest Addr	<input checked="" type="checkbox"/>	Hardware Addr	<input type="text" value="XX-XX-XX-XX-XX-XX"/>	<input type="button" value="↓"/>
Src Addr	<input checked="" type="checkbox"/>	Hardware Addr	<input type="text" value="XX-XX-XX-XX-XX-XX"/>	<input type="button" value="↓"/>
Length/Type	<input checked="" type="checkbox"/>	Symbols	<input type="text" value="Internet Protocol"/>	<input type="button" value="↓"/>

530

Fig 5

520

629 622 623 610 625 627 639

Event Editor

Event Name: UDP

View Packet Bits

Protocol Stack

Transmission Control Protocol

Internet Protocol

Ethernet in ATM (8-bit Utopia)

Internet Protocol

Version

Header Length

Precedence

Delay

Throughput

Reliability

Cost

MBZ

Total Length

Identification

Zero

Do not fragment

May Fragment

Fragment Offset

Time To Live

Protocol

Header Checksum

Src Addr

Dest Addr

Hex

Decimal

Symbols

Symbols

Symbols

Symbols

Symbols

Symbols

Binary

Decimal

Hex

Binary

Binary

Binary

Decimal

Decimal

Symbols

Hex

Dot Notation

Dot Notation

X

XX

Don't Care

Don't Care

Don't Care

Don't Care

Don't Care

X

XXXX

XXXX

X

X

X

XXXX

XXX

Transmission Control Protocol

XXXX

XXX.XXX.XXX.XXX

XXX.XXX.XXX.XXX

Close

630

620

Fig 6

721 722 723 710 735 737 739

Event Editor

Event Name: UDP View Packet Bits

Protocol Stack

- Transmission Control Protocol
- Internet Protocol
- Ethernet in ATM (8-bit Utop)

Transmission Control Protocol

☐ Long Field Names

Source Port: Don't Care

Destination Port: FTP

Sequence Number: 2220000000

Acknowledgement Number: XXXXXXXXXX

Data Offset (32-bit words): XX

Reserved: XX

Urgent Pointer: Don't Care

Acknowledgement: Don't Care

Push Function: Don't Care

Reset The Connection: Don't Care

Synchronize Sequence Numbers: Don't Care

No More Data From Sender: Don't Care

Window (bytes): XXXXX

Checksum: XXXX

Urgent Pointer: XXXX

Close

720 730

Fig 7

805

Event #1 - Packet # X

0.....8.....15

0 xxxxxxxxxxxxxxxxxxxxxx

1 xxxxxxxxxxxxxxxxxxxxxx

2 xxxxxxxxxxxxxxxxxxxxxx

3 xxxxxxxxxxxxxxxxxxxxxx

4 xxxxxxxxxxxxxxxxxxxxxx

5 xxxxxxxxxxxxxxxxxxxxxx

6 0000100000000000

7 xxxxxxxxxxxxxxxxxxxxxx

8 xxxxxxxxxxxxxxxxxxxxxx

9 xxxxxxxxxxxxxxxxxxxxxx

10 xxxxxxxxxxxxxxxxxxxxxx

11 xxxxxxxxxxx00000001

12 xxxxxxxxxxxxxxxxxxxxxx

13 0000101100001011

14 0000101100001011

15 0000101100001011

16 0000101100001011

17 xxxxxxxxxxxxxxxxxxxxxx

18 xxxxxxxxxxxxxxxxxxxxxx

Close

Analyzer<D> - 333MHz State/2GHz Timing Zoom 2M Sat - □ X

File Window Edit Options Clear Help

Sampling | Format | Trigger | Symbol |

Trigger Sequence

1 FIND PACKET

1.1 If TxSOP = 1 Binary occurs 1 time then Goto 1.2

1.2 If Anything occurs 5 times consecutively then Goto 1.3

1.3 If TxDATA = 0000100000000000 Binary occurs 1 time then Goto 1.4

Else If Anything then Goto 1.1

1.4 If Anything occurs 4 times consecutively then Goto 1.5

1.5 If TxDATA = XXXXXXXX00000001 Binary occurs 1 time then Goto 1.6

Else If Anything then Goto 1.1

1.6 If Anything occurs 1 time then Goto 1.7

1.7 If TxDATA = 0000101100001011 Binary occurs 4 times consecutively then Trigger and Fill memory

Else If Anything then Goto 1.1

Help Close

FIG 8a

FIG 8b